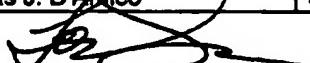


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10/614160Please type a plus sign (+) inside this box → PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. M4065.0715/P715																										
		First Inventor	John T. Moore																									
		Title	METHOD TO REFRESH A PCRAM MEMORY DEVICE																									
		Express Mail Label No.																										
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Box Patent Application Commissioner for Patents Washington, DC 20231																										
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. 3. <input checked="" type="checkbox"/> Specification      [Total Pages <b>40</b> ] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed Sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113)      [Total Sheets <b>6</b> ] 5. Oath or Declaration      [Total Pages <b>4</b> ] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small>  6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.78		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul>																										
<b>ACCOMPANYING APPLICATIONS PARTS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">9.</td> <td><input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</td> </tr> <tr> <td>10.</td> <td><input type="checkbox"/> 37 CFR 3.73(b) Statement      <input checked="" type="checkbox"/> Power of Attorney  <small>(when there is an assignee)</small></td> </tr> <tr> <td>11.</td> <td><input type="checkbox"/> English Translation Document (if applicable)</td> </tr> <tr> <td>12.</td> <td><input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449      <input type="checkbox"/> Copies of IDS Citations</td> </tr> <tr> <td>13.</td> <td><input type="checkbox"/> Preliminary Amendment</td> </tr> <tr> <td>14.</td> <td><input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)  <small>(Should be specifically itemized)</small></td> </tr> <tr> <td>15.</td> <td><input type="checkbox"/> Certified Copy of Priority Document(s)  <small>(If foreign priority is claimed)</small></td> </tr> <tr> <td>16.</td> <td><input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  <small>Applicant must attach form PTO/SB/35 or its equivalent.</small></td> </tr> <tr> <td>17.</td> <td><input type="checkbox"/> Other: _____</td> </tr> </table>				9.	<input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))	10.	<input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small>	11.	<input type="checkbox"/> English Translation Document (if applicable)	12.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations	13.	<input type="checkbox"/> Preliminary Amendment	14.	<input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small>	15.	<input type="checkbox"/> Certified Copy of Priority Document(s) <small>(If foreign priority is claimed)</small>	16.	<input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). <small>Applicant must attach form PTO/SB/35 or its equivalent.</small>	17.	<input type="checkbox"/> Other: _____							
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17.	<input type="checkbox"/> Other: _____																											
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)    of prior application No.: _____  Prior application information: Examiner _____ Group / Art Unit: _____ For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 6b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.																												
<b>19. CORRESPONDENCE ADDRESS</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><input checked="" type="checkbox"/> Customer Number or Bar Code Label</td> <td colspan="2">24998</td> <td colspan="2">or <input checked="" type="checkbox"/> Correspondence address below</td> </tr> <tr> <td>Name</td> <td colspan="4">DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP Thomas J. D'Amico</td> </tr> <tr> <td>Address</td> <td colspan="4">2101 L Street NW</td> </tr> <tr> <td>City</td> <td>Washington</td> <td>State</td> <td>DC</td> <td>Zip Code</td> </tr> <tr> <td>Country</td> <td>US</td> <td>Telephone</td> <td>(202) 785-9700</td> <td>Fax (202) 887-0689</td> </tr> </table>				<input checked="" type="checkbox"/> Customer Number or Bar Code Label	24998		or <input checked="" type="checkbox"/> Correspondence address below		Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico				Address	2101 L Street NW				City	Washington	State	DC	Zip Code	Country	US	Telephone	(202) 785-9700	Fax (202) 887-0689
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Name (Print/Type)	Thomas J. D'Amico		Registration No. (Attorney/Agent)	28,371																								
Signature			Date	July 8, 2003																								

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# FEE TRANSMITTAL for FY 2003

*Patent fees are subject to annual revision.*

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ ) **1,756.00**

<i>Complete If Known</i>	
Application Number	Not Yet Assigned
Filing Date	July 8, 2003
First Named Inventor	John T. Moore
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	M4065.0715/P715

**METHOD OF PAYMENT (check all that apply)**

<input type="checkbox"/> Check	<input checked="" type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> Other	<input type="checkbox"/> None
<input checked="" type="checkbox"/> Deposit Account				

Deposit Account Number **04-1073**

Deposit Account Name **Dickstein Shapiro Morin & Oshinsky LLP**

The Commissioner is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$ ) 750.00</b>			

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	41	-20** =	21	x	18	=	378.00
Independent Claims	10	-3** =	7	x	84	=	588.00
Multiple Dependent							

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$ ) 988.00</b>		

*\*\* or number previously paid, if greater. For Reissues, see above*

**3. ADDITIONAL FEES**

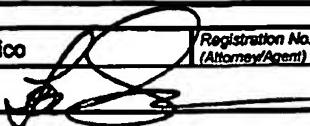
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	820*	1804	820*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	485	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	885	Extension for reply within fifth month	
1401	320	2401	180	Notice of Appeal	
1402	320	2402	180	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$ ) 40.00**

**SUBMITTED BY**

Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	43,383	Telephone	(202) 828-4881
Signature				Date	July 8, 2003